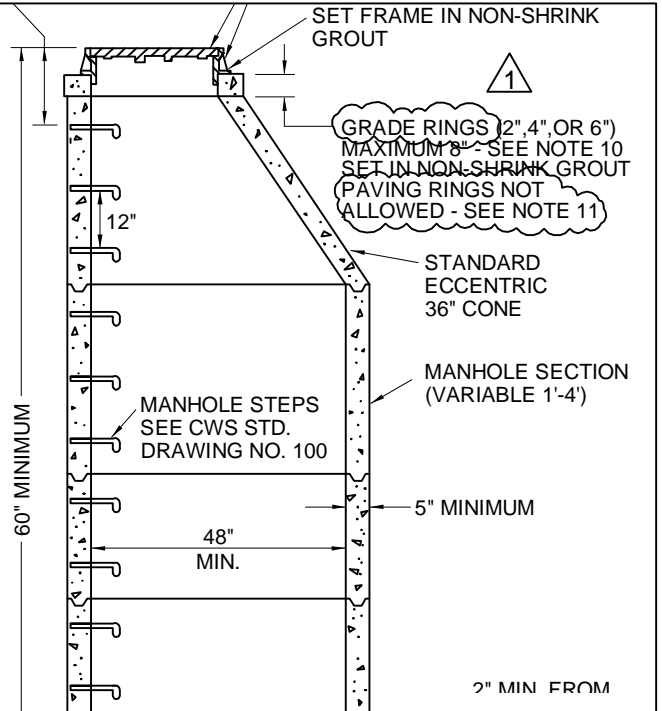


**REVISION OF CITY OF
BEAVERTON STANDARD
DRAWING NO. 304
11-15-04**

SS-S00210.

4. All pipe connections to manhole shall be watertight.
5. *Pipe connections of 24-inches or greater shall require a manhole and channel detail.
6. Pipe connections of four or more mainlines shall require a manhole connection and channel detail.
7. Provide a minimum of 8-inches of intact (undisturbed) manhole wall between pipe breakouts as measured on the inside face of the manhole.
8. Breakout of wall for pipe shall be 2-inches minimum and 4-inches maximum clear of pipe wall.
9. Watertight / tamper proof manhole frame and cover shall be used in all easement and off street areas.
- 10.*No more than eight (8) inches of grade rings shall be used.
- 11.*Paving rings are not allowed without the City Engineer's written approval. 1
- 12.*Minimum fall between inlet and outlet to be not less than 0.10 feet.



**ATTENTION! THIS DRAWING REPLACES
DRAWING NO. 304, DATED 6-10-04**

1 ADDED NOTE #11. CHANGED RISER RING TO GRADE RING IN CALL-OUT. ADDED NOTE #11 INFORMATION AND REFERENCE IN CALL-OUT.